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(71) Applicant (for all designated States except US): **KONINKLIJKE PHILIPS ELECTRONICS, N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) Applicant (for AE only): **U.S. PHILIPS CORPORATION** [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **BELLERS, Erwin** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL). **VAN DER SCHAAAR, Mihaela** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(74) Common Representative: **KONINKLIJKE PHILIPS ELECTRONICS, N.V.**; c/o Shannon Lester, 1109 McKay Drive, M/S-41SJ, San Jose, CA 95131-1706 (US).

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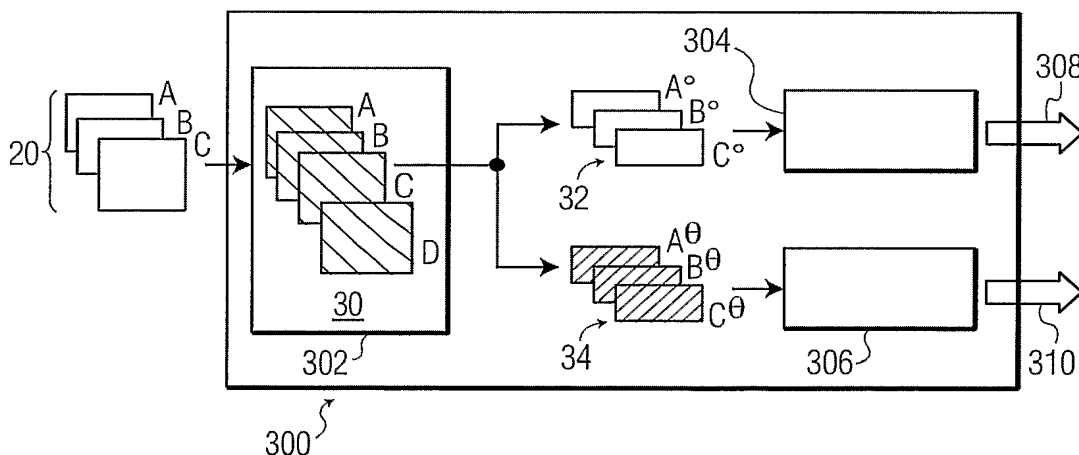
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(54) Title: MULTIPLE DESCRIPTION CODING VIDEO TRANSMISSION USING DE-INTERLACING MECHANISMS



(57) Abstract: Multiple Description Coding (MDC) has been shown to be an effective technique for robust transmission of video data over networks including wireless systems and the Internet. A method is provided where the video signal (20) is interlaced and split into multiple streams before being encoded and transmitted over separate transmission channels (308, 310). At a receiver (320) side, de-interlacing algorithms may be applied and the streams are regrouped to form the original video signal (20). The use of interlacing and deinterlacing techniques improve the robustness of video transmission without having to modify existing equipment.



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